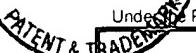


JUN 26 2002

06-27-02  
Approved for use through 10/31/2002, OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/21 (08-00)

#3 MP



Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/072,038, Conf. No. 1888
Filing Date	February 7, 2002
First Named Inventor	Shuman
Group Art Unit	
Examiner Name	
Attorney Docket Number	13503US01

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Declaration and Power of Attorney	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD Number of CD(s) _____	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	Completion of Filing Requirements

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Kirk A. Vander Leest		
Signature			
Date	June 26, 2002		

## CERTIFICATE OF MAILING

Express Mail No. EL 8489 98724 US  
date: June 26, 2002

Name (Print/type)	Kirk A. Vander Leest	Registration No. (Attorney/Agent)	34,036
Signature		Date	June 26, 2002



PTO/USPTO 617 (11-00)

#3

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

## FEE TRANSMITTAL for FY 2002

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known	
Application Number	10/072,038, Conf. No. 1888
Filing Date	February 7, 2002
First Named Inventor	Shuman
Examiner Name	
Group Art Unit	
Attorney Docket No.	13503US01

METHOD OF PAYMENT					
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Deposit Account Number</td> <td style="padding: 5px; text-align: center;">13-0017</td> </tr> <tr> <td style="padding: 5px;">Deposit Account</td> <td style="padding: 5px;">McAndrews, Held &amp; Malloy</td> </tr> </table> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		Deposit Account Number	13-0017	Deposit Account	McAndrews, Held & Malloy
Deposit Account Number	13-0017				
Deposit Account	McAndrews, Held & Malloy				
<p>2. <input checked="" type="checkbox"/> Payment Enclosed:  <input checked="" type="checkbox"/> Check   <input type="checkbox"/> Credit Card   <input type="checkbox"/> Money Order   <input type="checkbox"/> Other</p>					

FEE CALCULATION																																					
<p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Large Entity</th> <th style="width: 10%;">Small Entity</th> <th style="width: 10%;">Fee Code (\$)</th> <th style="width: 10%;">Fee Code (\$)</th> <th style="width: 10%;">Fee Description</th> <th style="width: 10%;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing Fee</td> <td></td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing Fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing Fee		106	330	206	165	Design filing Fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee	
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SUBTOTAL (1) (\$)																																					
<p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Total Claims</th> <th style="width: 10%;">Extra Claims</th> <th style="width: 10%;">Fee from below</th> <th style="width: 10%;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td><input type="text"/></td> <td>- 20** =</td> <td><input type="text"/> x <input type="text"/> =</td> <td><input type="text"/></td> </tr> <tr> <td>Independent Claims</td> <td><input type="text"/> - 3** =</td> <td><input type="text"/> x <input type="text"/> =</td> <td><input type="text"/></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td><input type="text"/> =</td> <td><input type="text"/></td> </tr> </tbody> </table>		Total Claims	Extra Claims	Fee from below	Fee Paid	<input type="text"/>	- 20** =	<input type="text"/> x <input type="text"/> =	<input type="text"/>	Independent Claims	<input type="text"/> - 3** =	<input type="text"/> x <input type="text"/> =	<input type="text"/>	Multiple Dependent		<input type="text"/> =	<input type="text"/>																				
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SUBTOTAL (2) (\$)																																					

\*\*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)				
3. ADDITIONAL FEES				
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	130.00
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	400.00
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) -----				
				SUBTOTAL (3) (\$530.00)

\*Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Kirk A. Vander Leest	Registration No.	34,036
Signature	<i>Kirk A. Vander Leest</i>	Date	June 26, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



#3

Attorney Docket No. 17810 (MHM 13503US01)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

Shuman et al.

SERIAL NO.: 10/072,038

FILED: 2/7/02

FOR: ELECTRICAL CONNECTOR  
ASSEMBLY

) Conf. No. 1888

) EXPRESS MAIL NO. EL848998724US

) DATE: June 26, 2002

)

)

)

)

)

**COMPLETION OF FILING REQUIREMENTS**

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

Dear Sirs:

This replies to the office letter dated March 6, 2002. A copy of the Notice to File Missing Parts of Application-Filing Date Granted (Form PTO-1533) is enclosed. The application as filed did not include a declaration or oath executed by the inventors. A Combined Declaration and Power of Attorney For Patent Application which has been executed by the inventors is enclosed. Since this response is being filed after the May 6, 2002 due date, a two-month extension of time is also enclosed.

#3

## FEES

## Surcharge fees:

( )	the statutory basic filing fee.	<u>\$ .00</u>
( )	fee for <u>0</u> additional dependent claims.	<u>\$ .00</u>
(X)	Two-Month Extension of Time	<u>\$400.00</u>
(X)	late filing of original declaration or oath (37 CFR 1.16(e)-\$130.00; small entity-\$65.00)	<u>\$130.00</u>
<b>TOTAL FEES</b>		<u><b>\$530.00</b></u>

## PAYMENT OF FEES

(X) Enclosed is a check in the amount of \$530.00 to cover the surcharge and two-month extension.

## AUTHORIZATION TO CHARGE ADDITIONAL FEES

The Commissioner is hereby authorized to charge any additional filing fees which may be required for this application, or credit any overpayment, to Account No. 13-0017.

Date: June 26, 2002

By:   
\_\_\_\_\_  
Kirk A. Vander Leest  
Reg. No. 34,036  
Attorney for Applicants

Tyco Electronics Corporation  
4550 New Linden Hill Road  
Suite 450  
Wilmington, Delaware 19808-2952



# UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

#3 Page 1 of 1

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/072,038	02/07/2002	Aaron J. Shuman	17810 (MHM 13503US01)

Tyco Electronics Corporation  
Suite 450  
4550 New Linden Hill Road  
Wilmington, DE 19808-2952



## CONFIRMATION NO. 1888 FORMALITIES LETTER



\*OC000000007588051\*

Date Mailed: 03/06/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

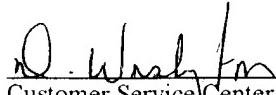
### FILED UNDER 37 CFR 1.53(b)

#### *Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



#5

Attorney Docket No. 17810 (MHM 13503US01)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF: )  
Shuman et al. )  
SERIAL NO.: 10/072,038 ) EXPRESS MAIL NO. EL848998724US  
FILED: 2/7/02 ) DATE: June 26, 2002  
FOR: ELECTRICAL CONNECTOR )  
ASSEMBLY )

**TRANSMITTAL OF FORMAL DRAWINGS**

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

**Attention:** Chief Draftsperson

Sir:

Transmitted herewith for filing is fifteen (15) sheets of formal drawing containing Figs. 1-26 for the above-identified patent application.

The Commissioner is authorized to charge any additional fees or credit any overpayment to the deposit account of McAndrews, Held and Malloy, Ltd., account number 13-0017.

Respectfully submitted,



Kirk A. Vander Leest  
Reg. No. 34,036

Tyco Electronics Corporation  
4550 New Linden Hill Road  
Suite 450  
Wilmington, Delaware 19808-2952

Date: June 26, 2002